

Title (en)
IMAGE PROCESSING SYSTEM AND CAMERA SYSTEM

Title (de)
BILDVERARBEITUNGSSYSTEM UND KAMERASYSTEM

Title (fr)
SYSTÈME DE TRAITEMENT D'IMAGE ET SYSTÈME DE CAMÉRA

Publication
EP 3916675 A4 20221026 (EN)

Application
EP 19912034 A 20191203

Priority
• JP 2019009090 A 20190123
• JP 2019047136 W 20191203

Abstract (en)
[origin: EP3916675A1] Provided are an image processing system and a camera system capable of appropriately detecting an object in a background difference type even when an exposure condition of a camera changes. The camera system includes an image processing system 100. The image processing system 100 includes an original image acquisition unit 101 that acquires a first original image and a second original image, a luminance correction unit 104 that acquires a luminance-corrected image by correcting a luminance value of the second original image such that a difference from a luminance value of the first original image decreases in accordance with an exposure condition related to each of the original images, and a background difference type object detection unit 105 that detects an object by acquiring a background difference based on the luminance-corrected image.

IPC 8 full level
G06T 7/254 (2017.01); **G06T 5/00** (2006.01); **G06T 5/50** (2006.01)

CPC (source: EP)
G06T 5/50 (2013.01); **G06T 5/92** (2024.01); **G06T 7/254** (2016.12); **H04N 5/144** (2013.01); **H04N 23/10** (2023.01); **H04N 23/71** (2023.01); **H04N 23/73** (2023.01); **H04N 23/76** (2023.01); **G06T 2207/10016** (2013.01)

Citation (search report)
• [YA] JP 2004274325 A 20040930 - FUJI HEAVY IND LTD
• [YA] US 2014270532 A1 20140918 - SAWAKI TAROH [JP], et al
• See references of WO 2020152997A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 3916675 A1 20211201; **EP 3916675 A4 20221026**; JP 2020119176 A 20200806; JP 7193359 B2 20221220; WO 2020152997 A1 20200730

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